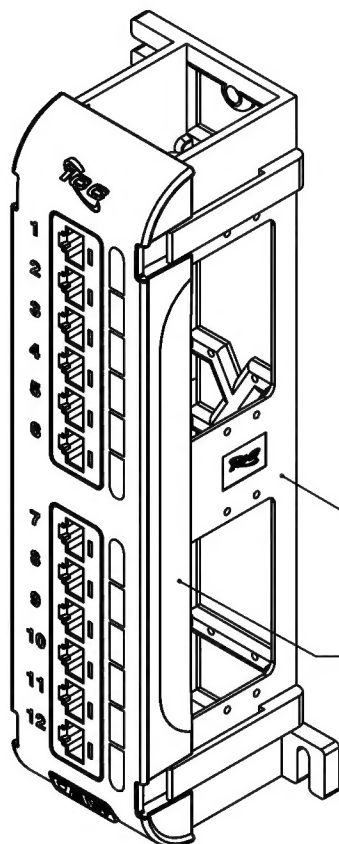


# 12-Port Category 5e Vertical Patch Panel

## PRODUCT SPECIFICATION



### Package includes:

- A. 12-Port CAT 5e Vertical Patch Panel, 1 pc
- B. 89D Universal Mounting Bracket, 1 pc
- D. 6" Cable Tie, 3 pcs
- E. Installation Instructions, 1 sheet

89D Universal Mounting Bracket

12-Port CAT 5e Vertical Patch Panel

### Features and Benefits:

- Wall mounted CAT 5e component rated patch panel provides excellent performance for data networks requiring maximum speed and bandwidth
- Enhanced crosstalk cancellation reduces return loss and improves performance by rejecting noise and unwanted signals
- Exceeds ANSI/TIA-568-C requirements for permanent, channel link and component performances
- Engineered to provide 110 IDC termination reducing installation time
- Includes both TIA-568A and TIA-568B color wiring diagrams
- Backwards compatible to all lower rated category components
- Used with ICPCSJ CAT 5e patch cords and ICACSPDT00 110 punch down tool
- UL 1863 compliant

### PATCH PANEL, VERTICAL, CAT 5E, 12-PORT

ITEM NO. ICMPP12V5E

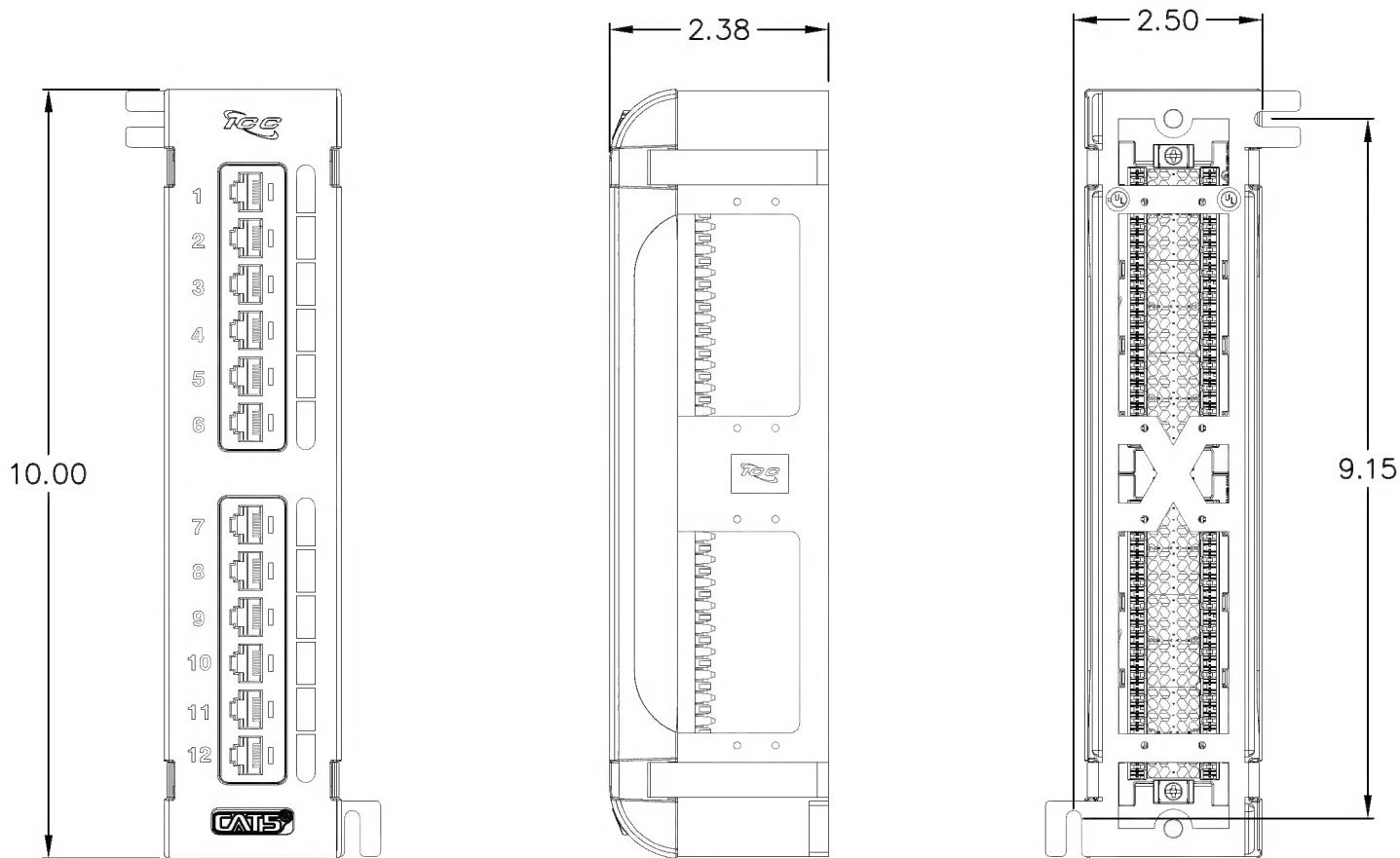
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DWG NO. PSMPP12V5E

PAGE NO. 1



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# **NOTE: UNLESS OTHERWISE SPECIFIED**

## 1. 12-PORT CAT 5E PATCH PANEL:

### A. MATERIAL:

- 12-PORT PATCH PANEL: ABS
- JACK HOUSING: HIGH IMPACT, FLAME RETARDANT PLASTIC, UL 94V-0
- SPRING WIRE: PHOSPHOR BRONZE
- 110 CONNECTOR: PHOSPHOR BRONZE ALLOY WITH 100 MICRO-INCH ALLOY
- GOLD RATING: 50 MICRO INCHES OF GOLD OVER 100 MICRO INCHES OF NICKEL

### B. SURFACE FINISH: BLACK POWDER COAT

### C. MECHANICAL:

- MATING FORCE: 100 GRAMS MIN/CONTACT
- TEMPERATURE RANGE: -40°~70°C
- PLUG RETENTION IN JACK: 50N (11 LBS SQ)
- IDC WIRE GAUGE: 22~24 AWG

### D. ELECTRICAL:

- CURRENT RATING: 1.5 AMP DC
- CONTACT RESISTANCE: 2.5 MILOHMS MAX

RJ-45	110 CONNECTOR	UNIVERSAL WIRING	
		T568B	T568A
5	1	WHITE/BLUE	WHITE/BLUE
4	2	BLUE	BLUE
1	3	WHITE/ORANGE	WHITE/GREEN
2	4	ORANGE	GREEN
3	5	WHITE/GREEN	WHITE/ORANGE
6	6	GREEN	ORANGE
7	7	WHITE/BROWN	WHITE/BROWN
8	8	BROWN	BROWN

CAT 5e CONNECTING HARDWARE REQUIREMENTS										
FREQUENCY (MHz)	1.0	4.0	8.0	10.0	16.0	20.0	25.0	31.25	62.5	100
NEXT LOSS (db)	65.0	65.0	64.9	63.0	58.9	57.0	55.0	53.1	47.1	43.0
FEXT LOSS (db)	75.1	63.1	57.0	55.1	51.0	49.1	47.1	45.2	39.2	35.1
RETURN LOSS (db)	35.0	35.0	35.0	35.0	35.0	34.0	32.0	30.1	24.1	20.0
INSERTION LOSS(db)	0.10	0.10	0.10	0.10	0.20	0.20	0.20	0.20	0.30	0.40

UL US FILE NO. 125268

## **PATCH PANEL, VERTICAL, CAT 5E, 12-PORT**

ITEM NO. ICMPP12V5E

REV. B

DWG NO. PSMPP12V5E

PAGE NO. 2

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